

Product Specifications

DPS 50RD

(Technical Name: Dried Porcine Digest)

PRODUCT DESCRIPTION

Nutra-Flo DPS 50RD is a co-product from processing porcine mucosa and small intestines. The process produces a liquid peptone co-product rich in amino acids and other valuable nutrients. The co-product is condensed under elevated temperature and vacuum to remove excess moisture and increase nutrient concentration. The condensed liquid is then roller dried.

GUARANTEED ANALYSIS

Crude Protein, not less than	49.0%
Crude Fat, not less than	5.0%
Crude Fiber, not more than	2.0%

PHYSICAL CHARACTERISTICS

Approximate Bulk Density	33-37 lb/cu. ft.
Solubility (water)	92.0%
pH	7.5 to 8.0

TYPICAL SCREEN ANALYSIS

+16	3.0%
-16 +60	89.0%
-60 +100	4.0%
-100	4.0%

TYPICAL ANALYSIS

Crude Protein	50.00%
Crude Fat	9.50%
Dry Matter	98.00%
Salt (NaCl)	1.00 to 2.00%
Ash	27.00%
Sodium Sulfite	7.00 to 14.00%
Calcium (Ca)	0.05%
Chloride (Cl)	1.00%
Phosphorus (P)	1.40%
Potassium (K)	1.00%
Sulfur (S)	5.00%
Sodium (Na)	8.00%
Magnesium (Mg)	0.07%
Zinc (Zn)	70 ppm
Iron (Fe)	150 ppm

TYPICAL AMINO ACID PROFILE

Leucine	3.71%
Lysine	3.62%
Arginine	2.74%
Valine	2.50%
Threonine	2.08%
Isoleucine	1.95%
Phenylalanine	1.95%
Histidine	1.03%
Methionine	0.92%
Tryptophan	0.31%
Glutamic Acid	6.52%
Aspartic Acid	4.29%
Glycine	3.55%
Alanine	2.82%
Proline	2.56%
Serine	2.08%
Cystine	0.85%
Tyrosine	1.64%
Hydroxyproline	0.85%
Ornithine	0.23%
Taurine	0.16%

TYPICAL ENERGY VALUES

	UNITS	AS FED	100% DRY WT.
Total Digestible Nutrients (TDN)	%	67.00	68.50
Net Energy Maintenance (NEm)	Mcal/lb	0.70	0.71
Metabolizable Energy (ME) Poultry	Kcal/lb	1359.00	1387.00
Metabolizable Energy (ME) Swine	Kcal/lb	1662.00	1696.00
Digestible Energy (DE) Swine	Kcal/lb	1817.00	1854.00

Typical analysis and profiles are approximate percents, no guarantees. All values are expressed "as fed" basis.

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